

# AN EXPLORATION OF REMOTE HISTORY EFFECTS IN HUMANS: II. THE EFFECTS UNDER FIXED-INTERVAL, VARIABLE-INTERVAL, AND FIXED-RATIO SCHEDULES

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Five undergraduates responded under a fixed-ratio (FR) 145 schedule, and 5 others responded under a differential-reinforcement-of-low-rate (DRL) 20-s schedule. Both groups were then exposed to a differential-reinforcement-of-rates- with-pacing  $1 \text{ s} < \text{interresponse time (IRT)} \leq 2 \text{ s}$  schedule. Following this, probe sessions under fixed-interval (FI) 20-s, variable-interval (VI) 20-s, and FR 145 schedules were interspersed among baseline sessions of the  $1 \text{ s} < \text{IRT} \leq 2 \text{ s}$  schedule. Response rates under the FI and VI schedules were higher for participants with a history of the FR schedule than for those with a DRL history. Under the FR schedule, such a systematic difference by remote histories was observed only during the first of the 3 probe sessions.

Key words: behavioral history, remote history effects, interreinforcer intervals, interresponse times, differential-reinforcement-of-rates-with pacing schedules, screen touch, humans